ENTONE
Remote Control User Guide

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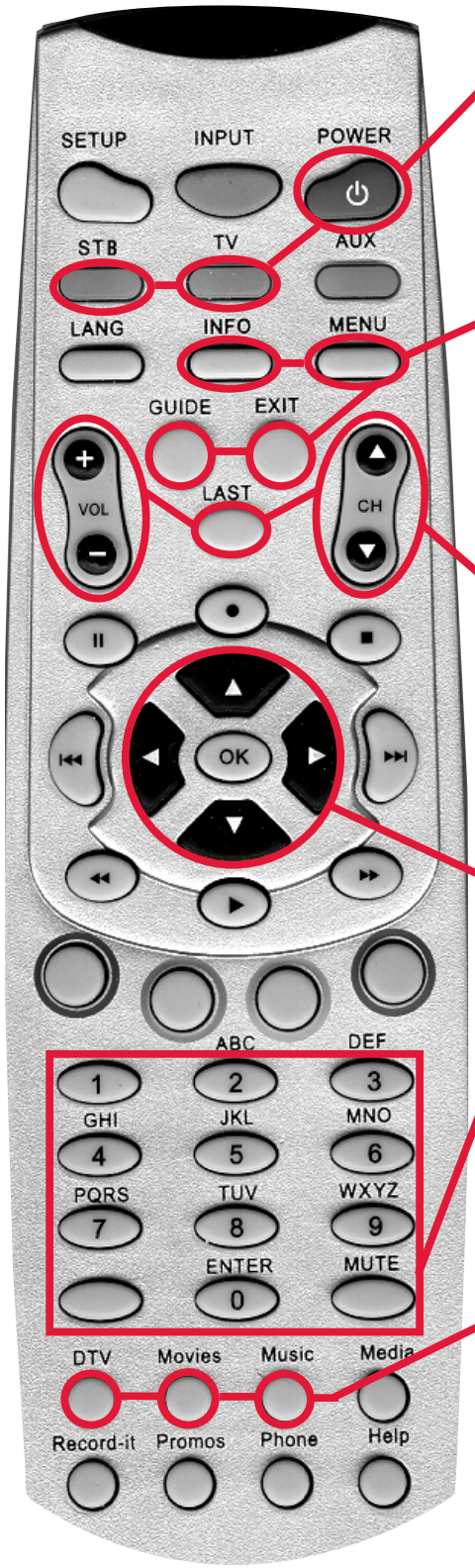
ENTONE Remote Control User Guide

Your remote controls the set top box, your television set and, optionally, an auxiliary device like a DVD player or VCR, Press **STB**, **TV** or **AUX** to select the device you wish to operate.



Functions section by section:

1. Turn TV On:

- Press **TV**, then **POWER** to turn the TV on or off.
- Press **STB** (Set Top Box), then change channels.

Note: If your TV screen displays instructions to press then POWER, then press STB then POWER to activate system.

2. Program Guide

INFO	provides information about selected program
MENU	displays system menu to access features
GUIDE	displays detailed program listings
EXIT	returns to program or to previous menu

3. Volume and Channel

VOL +/-	adjusts volume on TV
CH ▲/▼	changes channel
LAST	Return to last channel viewed

Note: If pressing the channel button causes your picture to be snowy, use the number keys to enter the channel on your remote's label (10, 12, or 23), then press STB and begin to change channels.

4. Navigation

◀▶▲▼ to move on-screen highlights.
OK to select the highlighted option.
Move a page at a time in the program guide:
⏮ Page left ⏭ Page right

5. Numeric Keypad

Enter channels or other numeric information at menu prompts.

MUTE	silences TV volume

Note: Press VOL + to cancel MUTE.

6. Features: Jump directly to main features

DTV	Digital TV returns to normal viewing at any time
MOVIES	future release of Video on Demand
MUSIC	46 channels of commercial-free music
Note:	*Other buttons are not used.*

Important: Each of your remotes should be labeled 10, 12 or 23 by your installer. The numbers correspond to the channel the TV must be tuned to. If your remotes are not labeled, Hargray recommends that you use a sticker or colored label to keep the remote with the appropriate TV.

ENTONE Remote Control Registration Procedure

For the new Hydra Remote Control (that has three LED back light on Myrio, TV and AUX key), we have introduced a new and simpler Remote control registration method via RF and

A. Ensure the Hydra is turned on and the remote control antenna is installed.

B. Press and hold the **ENTER** button on the Hydra front panel for approx. 5 seconds. When releasing the **ENTER** button, front panel LED blinks red and green alternatively twice then remains red. The Hydra is now in remote registration mode.

C. On the remote control handset, press and hold the **STB** button on the remote control for approximately 4 to 5 seconds. The **STB** backlight LED will illuminate. The remote control handset is now in registration mode.

D. Keys **"0"**, **"1"**, **"2"** or **"3"** are used to send the registration event:

1. Press **"1"** to send the **"Register remote control to Decoder "1"** event
2. Press **"2"** to send the **"Register remote control to Decoder "2"** event
3. Press **"3"** to send the **"Register remote control to Decoder "3"** event
4. Press **"0"** to set IR mode only. The remote control won't send any RF signal afterward

Pressing a key other than "0", "1", "2" or "3" will cause the STB LED to extinguish. If a button isn't pressed within 10 seconds the STB LED will extinguish and the remote control registration will be terminated.

E. The STB backlight LED on the remote control handset will blink twice to indicate that the registration process was successful. When Hydra receives the remote registration event (i.e., event "0", "1", "2", or "3"), the front panel LED will blink showing the successful registration event. If Hydra does not receive any remote registration event within 30 seconds, the process will be terminated and the front panel LED turns from Red to Green.

ENTONE Programming Device Control

A. Use the remote control's mode keys (i.e., **STB**, **TV**, or **AUX**) to control a specific device. When pressed, the selected mode key will light, confirming your choice.

B. Entone universal remote is pre-programmed at the factory to operate Entone set-top-box. The default TV device is brand APEX while the default AUX device is brand JVC VCR. To control devices other than default brands (excluding Entone box), perform the following steps:

1. Turn on a device (e.g., VCR or DVD player) and with media inserted (if applicable)
2. On the remote control, press a device key once (i.e., **AUX** or **TV**)
   Note: Use the AUX key to program control of VCR, DVD Player, Cable Box, Satellite Set-Top-Box and Audio Device
3. Press and hold the **SETUP** key until the selected mode key blinks twice, then release **SETUP**
4. Locate the code for the desired device in the code set table (brands are listed in alphabetical order)
5. Enter the first four-digit code for your device. If you perform this procedure correctly the selected mode key will blink twice.
   Note: If you enter an invalid code, the selected device key will fast blink 7 times. Device program mode will be terminated.
6. Aim the control at your device and press the **POWER** once. The device should turn off. If it does not respond, repeat the above steps.

ENTONE Searching for your Code

A. If your home entertainment device does not respond to the remote control after trying all codes listed for your brand, or if your brand is not listed at all, try searching for your code.

B. For example, after trying all of the codes for your TV, you still cannot get the remote control to operate your TV, then:

1. Turn on your TV
2. On the remote control, press **TV** once. Then press and hold **SETUP** until the **TV** key blinks twice, then release **SETUP**
3. Press the **POWER** key once
4. Aim the remote control at the TV
5. Press either **CHANNEL UP** or **CHANNEL DOWN** key to do device auto-scan:
    a. Press the **CHANNEL UP** key to start searching upward at an approx. 5 second interval for each code set. The **TV** key will be on and blink every 5 seconds while the device is in scan mode.
    Note: In this search mode, the remote control will send IR codes from the library starting from the lowest code set number to the end of code set for that device, ***OR***
    b. Press the **CHANNEL DOWN** key to start searching downward at an approx. 5 second interval for each code set. The **TV** key will be on and blink every 5 seconds while in the device scan mode.
    Note: In this mode, the remote control will send IR codes from the highest code set number to the beginning of code set for that device.

C. If the TV turns off, a working code has been found. Press **OK** once to lock in the code. The selected mode key will blink twice.

D. To search for the codes of other devices, repeat the above but substitute the **AUX** key for the auxiliary device you are searching for.

E. If all code sets of that device is exhausted in the search and the **OK** is not pressed, the selected device will fast blink 7 times and the search mode will be terminated.

ENTONE Audio Brand Codes

AMPLIFIER

Kenwood	5048
Pioneer	5041
RCA	5069
Yamaha	5001, 5053

AUDIO CASSETTE

Aiwa	5039
Curtis Mathes	5041
Denon	5052
Fisher	5042, 5049
GE	5070
Kenwood	5048, 5056
NAD	5040
Nakamichi	5054
Onkyo	5055
Optimus	5041, 5047
Panasonic	5015, 5050
Philips	5013
Pioneer	5018, 5041, 5045
Proscan	5070
Quasar	5050
Radio Shack	5047
RCA	5070
Sansui	5057
Sanyo	5044
Sherwood	5047
Sony	5043
Technics	5050
Yamaha	5053

AUDIO SYSTEM

Aiwa	5039
Carver	5051
Curtis Mathes	5041
Denon	5052
Harmon Kardon	5046
Kenwood	5048, 5056
Nakamichi	5054
Panasonic	5015, 5016
Philips	5013, 5014
Pioneer	5018, 5041
RCA & Dimensia	5031, 5032, 5033, 5034, 5035
Sansui	5057
Sanyo	5044
Scientific Atlantic	5067
Sony	5043
Technics	5050
Yamaha	5053

DIGITAL AUDIO TAPE

Sony	5043

HOME THEATER

BOSE	5010
Philips	5022

PHONO

Kenwood	5048
Pioneer	5041
Sony	5043
Yamaha	5053

RECEIVER / AMPLIFIER

Yamaha	5001

RECEIVER / TUNER

Aiwa	5017, 5036, 5039
BOSE	5010
Cambridge	5011, 5028
Carver	5051
Curtis Mathes	5041
Denon	5006, 5026, 5027, 5052
Fisher	5042, 5044, 5049
Gradiente	5062
Harmon Kardon	5008, 5038, 5046
Hitachi	5059
Ibiza	5006, 5037
JBL	5038
Jensen	5061
JVC	5007, 5030
Kenwood	5005, 5028, 5048, 5056
Luxman	5064
Mcintosh	5058
NAD	5040
Nakamichi	5054
NEC	5040
Nikko	5063
Onkyo	5055
Optimus	5041, 5047
Panasonic	5009, 5012, 5016, 5029, 5050
Philips	5014
Pioneer	5004, 5023, 5041, 5045
Quasar	5050
Radio Shack	5047
RCA	5071, 5072
Sansui	5057
Sanyo	5042, 5044
Sharp	5060
Sherwood	5047
Sony	5024, 5043
Technics	5002, 5020, 5050
Yamaha	5048, 5053
Zenith	5065

TUNER

Philips	5022

TV / VCR / TUNER COMBO

Panasonic	5012

ENTONE Cable Brand Codes

CATV	
ABC	4000, 4001, 4002, 4030
Archer	4007
Cableview	4003
Contec	4034
Eastern	4035
GE	4000
Gemini	4012, 4013
General Instruments	4000, 4032
Hamlin	4036, 4037, 4038, 4040, 4044
Hitachi	4000
Jerrold	4000, 4012, 4015, 4016, 4026, 4030, 4032
Motorola	4031
Movie Time	4039
NEC	4033
NSC	4039
Oak	4034, 4041
Panasonic	4027, 4029
Philips	4009, 4010, 4011, 4013, 4018, 4019, 4020
Pioneer	4021, 4022
Procscan	4000
RCA	4003, 4029, 4032
Samsung	4022
Scientific Atlanta	4002, 4023, 4024, 4025
Signature	4000
Sprucer	4029
Standard Component	4042, 4043
Starcom	4012, 4030
Stargate	4012
Tocom	4001, 4015
United Cable	4030
Universal	4004, 4007
View Star	4034, 4039
Zenith	4028

ENTONE DVD Brand Codes

DVD

Aiwa	2073
Apex	2000, 2001, 2003, 2004, 2016, 2028, 2029, 2030
Audiovox	2074
Blaupunkt	2078
BOSE	2062, 2071
Broksonic	2045
Cherry	2004, 2025, 2033
Clarion	2046
Classic	2047
Daewoo	2079, 2080
Denon	2075, 2095, 2096
Emerson	2048, 2049
Fisher	2050, 2076
Funai	2049, 2064
GE	2005, 2051, 2102
Go Video	2068, 2070
GPX	2052
Great Wall	2042, 2101
Hitachi	2065, 2067
Irradio	2092
JVC	2007, 2010, 2011, 2012, 2013
Kenwood	2097, 2100
Koss	2093
Magnavox	2020, 2035
Marantz	2085
Memorex	2087
Mintek	2053
Mitsubishi	2088, 2089, 2090, 2091
NAD	2048, 2081
Nakamichi	2054
Norcent	2055, 2056
Onkyo	2082, 2086
Oritron	2057
Panasonic	2008, 2036, 2037
Philips	2002, 2009, 2021, 2022, 2023, 2043
Pioneer	2027
Proscan	2005, 2099
Qwestar	2057
RCA	2005, 2024, 2038
Sampo	2058
Samsung	2006, 2017, 2033, 2041
Sansui	2060
Sanyo	2059, 2063
Sharp	2014, 2031
Sherwood	2061
Sony	2015, 2018, 2034, 2039
Sylvania	2049, 2072, 2077
Techwood	2083
Toshiba	2019, 2026, 2040, 2042
Yamaha	2084, 2098
Zenith	2069, 2094

HOME THEATER

BOSE	2071
Philips	2086

DVD / VCR COMBO

Go Video	2068, 2070
Hitachi	2067
JVC	2010
Samsung	2017
Sanyo	2063
Zenith	2069

TV / DVD COMBO

Aiwa	2044
Apex	2016
Broksonic	2045
JVC	2011
Sansui	2060
Toshiba	2042

TV / DVD / VCR COMBO

Samsung	2041
Sylvania	2072
Toshiba	2040

ENTONE Satellite Brand Codes

SATELLITE	
Alphastar	3028
BSB	3003, 3005, 3013
Chaparral	3024
DirecTV	3001
Drake	3027
Echostar	3026
Express Vu	3030
Fujitsu	3022
GE	3004, 3032, 3033, 3046
General Instruments	3018, 3019
Hitachi	3023, 3045
Hughes	3023, 3043, 3047
Janelli	3022
JVC	3015
Mitsubishi	3002
Panasonic	3005, 3011, 3036
Philips	3000
Proscan	3032, 3033, 3038, 3044
Radio Shack	3018, 3019
RCA	3032, 3033, 3037, 3039
Realistic	3014
Samsung	3006, 3028
Sony	3007, 3040, 3042
Star Choice	3031
Star Trek	3021
STS	3020
SuperDish	3023, 3025
Toshiba	3008, 3029
Uniden	3016, 3017, 3041
Zenith	3009, 3022

SATELLITE RECEIVER / RECORDER	
Philips	3012
RCA	3010
Sony	3035
Zenith	3013

ENTONE TV Brand Codes

TELEVISIONS

A Mark	0134
Action	0108
Admiral	0071, 0093, 0099, 0118, 0127, 0130, 0131
Advent	0147
Aiko	0079
Aiwa	0047
Akai	0104, 0105, 0123
Amtron	0082
Anam	0106
Anam National	0072, 0082, 0110
AOC	0073, 0074, 0075, 0104, 0112, 0117, 0134, 0140
Apex	0000, 0001, 0015, 0016
Audiovox	0082, 1080, 0140, 0144
Bell & Howell	0071, 0084, 0118, 0131
Benq	0051
Broksonic	0037, 0038, 0104, 0106, 0118, 0138, 0146
Carver	0153
CCE	0118
Centurion	0077
Citek	0143
Citizen	0073, 0075, 0079, 0082, 0089, 0092, 0138
Classic	0104, 0123
Colortyme	0073, 0075, 0105, 0116, 0118, 0125, 0127, 0139
Contec Cony	0106, 0108
Contec / Cony	0078, 0082
Craig	0082, 0106, 0108, 0114, 0119 0125, 0138
Crosley	0118, 0153
Crown	0082, 0087, 0119, 0134
CTX	0056
Curtis	0104
Curtis Mathes	0070, 0073, 0075, 0084, 0089, 0092, 0102, 0105, 0112, 0117, 0118, 0125, 0127, 0134, 0135, 0148, 0153, 0155
Daewoo	0073, 0074, 0075, 0079, 0092, 0104, 0110, 0112, 0117, 0134, 0135, 0140, 0144
Dalian	006, 014, 016, 136
Daytron	0073, 0075, 0092, 0114, 0117, 0134, 0140
Denon	0145
Dimensia	0070, 0155
Dumont	0073, 0091
Electrohome	0072, 0073, 0075, 0080, 0104, 0105, 0117, 0134
Emerson	0073, 0075, 0078, 0081, 0082, 0083, 0084, 0092, 0096, 0103 0104, 0105, 0106, 0108, 0114, 0117, 0119, 0125, 0129, 0130, 0131, 0134, 0139, 0144, 0146
Envision	0073, 0075, 0105, 0112
Fisher	0052, 0084, 0115, 023, 0124, 0133
Fujitsu	0083
Funai	0082, 0083, 0106, 0108
GE	0009, 0066, 0067, 0070, 0072, 0073, 0075, 0085, 0086, 0104, 0106, 0110, 0113, 0116, 0117, 0125, 0126, 0127, 0128, 0134, 0144, 0149, 0154, 0155
Goldstar	0073, 0074, 0075, 0078, 0080 0092, 0104, 0105, 0109, 0112, 0117, 0134, 0135, 0137
Gradiente	0105, 0122, 0123
Granada	0134
Grundig	0126, 0134
Hallmark	0073, 0075, 0104
Harman Kardon	0104
Hisense	0151
Hitachi	0041, 0042, 0058, 0059, 0068, 0073, 0075, 0078, 0101, 0117, 0126, 0127, 0131, 0134, 0140, 0145
Infinity	0087, 0153
Janiel	0094
JBL	0087, 0153
JC Penney	0070, 0073, 0074, 0075, 0085, 0086, 0089, 0092, 0104, 0112, 0113, 0125, 0126, 0127, 0134, 0149, 0155
Jensen	0073, 0075, 0105, 0129
JVC	0007, 0010, 0012, 0031, 0036, 0078, 0086, 0103, 0122, 0125, 0126
Kawasho	0073, 0075, 0112, 0123
Kenwood	0073, 0075, 0080, 0104, 0105, 0112, 0116, 0139
Kloss Novabeam	0082, 0094, 0110
KTV	0082, 0092, 0106, 0108, 0112, 0117, 0134
LG	0074
Lloyds	0137, 0139
Loewe	0087
Logik	0071, 0142
Luxman	0073, 0075
LXI	0070, 0075, 0084, 0087, 0104, 0118, 0127, 0149, 0153, 0155
Magnasonic	0104, 0105, 0131, 0140
Magnavox	0017, 0073, 0075, 0080, 0087, 0104, 0105, 0112, 0114, 0117, 0118, 0119, 0126, 0131, 0153
Majestic	0071
Marantz	0073, 0075, 0087, 0105, 0112, 0116, 0117, 0118, 0153
Megatron	0075
Memorex	0071, 0074, 0075, 0084, 0104
MGA	0073, 0074, 0075, 0080, 0105
Mitsubishi	0049, 0073, 0074, 0075, 0080, 0104, 0105, 0112, 0117, 0134

ENTONE TV Brand Codes Con't

Montgomery Ward	0071
Motorola	0072, 0093
MTC	0073, 0074, 0075, 0089, 0104, 0112, 0118, 0125, 0140
Multitech	0082
Multivision	0088
NAD	0075, 0101
NEC	0072, 0073, 0074, 0075, 0105, 0112, 0116, 0117, 0139
Nikko	0075, 0079, 0140
Noblex	0137
Onwa	0082, 0106
Optimus	0101
Optonica	0093
Orion	0096, 0130, 0146
Panasonic	0003, 0011, 0023, 0032, 0033, 0034, 0072, 0086, 0087, 0108, 0110, 0113, 0126, 0127, 0128, 0140
Philco	0072, 0073, 0074, 0075, 0078, 0080, 0087, 0104, 0105, 0112, 0114, 0117, 0118, 0119, 0131, 0140, 0145, 0153
Philips	0004, 0005, 0029, 0030, 0072, 0073, 0078, 0080, 0087, 0118, 0153
Pioneer	0045, 0073, 0075, 0101, 0110, 0111, 0116, 0117
Portland	0073, 0074, 0075, 0079, 0092, 0104, 0112, 0117, 0134, 0135
Price Club	0089
Prima	0135, 0142, 0152
Prism	0086
Proscan	0070, 0127, 0149, 0154, 0155
Proton	0073, 0075, 0078, 0104, 0105, 0117, 0119, 0127, 0134, 0138
Quasar	0053, 0063, 0064, 0072, 0086, 0110, 0114, 0126, 0128
Radio Shack	0084, 0106, 0108, 0110, 0118, 0120, 0124, 0127, 0132, 0134, 0155
Radio Shack / Realistic	0070, 0073, 0075, 0078, 0082, 0084, 0092
RCA	0008, 0060, 0065, 0070, 0072, 0073, 0074, 0075, 0080, 0102, 0106, 0110, 0111, 0113, 0116, 0117, 0125, 0127, 0128, 0134, 0148, 0149, 0154, 0155
Realistic	0084, 0155
Runco	0091
Sampo	0039, 0073, 0075, 0092, 0110, 0112, 0117
Samsung	0043, 0048, 0054, 0057, 0062, 0073, 0074, 0075, 0078, 0080, 0089, 0092, 0097, 0104, 0112, 0117, 0118, 0125, 0131, 0134, 0139
Sansui	0022, 0096, 0120
Sanyo	0073, 0084, 0015, 0124
Sasho	0020, 0036
Scott	0073, 0075, 0078, 0082, 0083, 0106, 0108, 0117, 0130, 0134
Sears	0070, 0073, 0075, 0080, 0083, 0084, 0095, 0104, 0106, 0115, 0118, 0124, 0127, 0133, 0134, 0149, 0153, 0155
Sharp	0013, 0028, 0035, 0073, 0075
Signature	0071
Signature 2000	0115, 0132
Sony	0002, 0018, 0026, 0098, 0100, 0121, 0123, 0134
Soundesign	0073, 0075, 0082, 0083, 0104, 0106, 0117, 0119, 0129
Starlite	0082
Supre-Macy	0094
Sylvania	0044, 0046, 0069, 0073, 0075, 0080, 0087, 0104, 0105, 0112, 0114, 0117, 0118, 0119, 0140, 0153
Symphonic	0081, 0082, 0095, 0108
Tandy	0093, 0118
Tatung	0072, 0110, 0138
Technics	0086, 0126, 0128
Techwood	0073, 0075, 0086, 0105, 0118
Teknika	0071, 0073, 0074, 0075, 0078, 0079, 0082, 0083, 0089, 0092, 0106, 0108, 0112, 0116, 0117, 0119, 0134, 0137, 0140, 0143, 0153
Telecaption	0090
Telefunken	0139
Toshiba	0006, 0019, 0021, 0024, 0025, 0027, 0084, 0089, 0090, 0115, 0125, 0133, 0150
Totevision	0092, 0127
Ultra	0140
Uniden	0121
Universal	0085
Video Concepts	0106
Vidikron	0118, 0153
Vistek	0040, 0048
Walmart	0055, 0051, 0107
Wards	0070, 0071, 0073, 0074, 0075, 0080, 0081, 0083, 0085, 0087, 0104, 0112, 0113, 0117, 0118, 0119, 0120, 0125, 0127, 0131, 0153, 0155
White Westinghouse	0104, 0112, 0134, 0135, 0140, 0144
Yamaha	0073, 0074, 0075, 0080, 0112, 0119, 0139, 0140
Zenith	0055, 0061, 0071, 0073, 0091, 0109, 0121, 0140

ENTONE TV Brand Codes Con't

PVR	
RePlay	0156

TV / DVD COMBO	
Aiwa	0047
Apex	0015
Broksonic	0037
JVC	0010
Sansui	0022
Toshiba	0027

TV / VCR COMBO	
Broksonic	0038
GE	0067
Hitachi	0058, 0059
JVC	0031
Panasonic	0011, 0034
Philips	0029, 0030
Quasar	0063, 0064
RCA	0060, 0065
Samsung	0043, 0057
Sharp	0028, 0035
Sony	0026
Sylvania	0044
Toshiba	0024
Zenith	0061

TV / DVD / VCR COMBO	
Samsung	0062
Sylvania	0046
Toshiba	0025

ENTONE VCR Brand Codes

VCR	
Admiral	1073, 1074, 1101
Aiko	1056
Aiwa	1055
Akai	1044, 1045, 1068, 1069, 1080, 1093
Audiovox	1051
Bell & Howell	1048
Broksonic	1023, 1049
Calix	1051
Canon	1053, 1054
Capehart	1067, 1083
Carver	1060, 1110
CCE	1056, 1059
Challenger	1001, 1023
Citizen	1050, 1051, 1052, 1056, 1095
Colortyme	1046, 1096
Craig	1050, 1051, 1059, 1085, 1090, 1105
Curtis Mathes	1043, 1046, 1050, 1053, 1054, 1077, 1079, 1112
Daewoo	1014, 1052, 1055, 1056, 1067, 1083, 1102
Daytron	1067, 1083, 1102
Denon	1088
Dimensia	1043, 1112
Dixon	1013, 1021, 1036, 1103
Electrohome	1051, 1090
Emerson	1044, 1049, 1051. 1052, 1053, 1055, 1061, 1069, 1087, 1090, 1106
Fisher	1048, 1089, 1105
Fuji	1045, 1053
Funai	1055, 1095
Garrard	1055
GE	1040, 1043, 1050, 1053, 1054, 1070, 1079, 1112
Go Video	1021, 1024, 1026, 1028, 1079, 1081, 1085, 1086
Goldstar	1046, 1051, 1079, 1090, 1092
Gradiente	1055, 1090
Harmon Kardon	1046, 1110
Harwood	1059
Hitachi	1025, 1036, 1037, 1057, 1058, 1065, 1068, 1070, 1088
JBL	1098
JC Penney	1046, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1057, 1058, 1059, 1060, 1065, 1079, 1085, 1088, 1090
Jensen	1057, 1058, 1068
JVC	1000, 1019, 1046, 1047, 1048, 1068, 1071, 1087, 1088
Kenwood	1046, 1047, 1048, 1068, 1071, 1077
KLH	1059
Kodak	1051, 1053
LG	1051
Lloyds	1077, 1095, 1105
Logik	1059, 1085
LXI	1051
Magnasonic	1085, 1090, 1102
Magnavox	1008, 1053, 1054, 1060, 1064, 1085, 1110
Marantz	1046, 1047, 1048, 1053, 1060, 1077, 1092, 1110
Matsushita	1053
Memorex	1033, 1048, 1050, 1051, 1053, 1055, 1064, 1073, 1074, 1088, 1090, 1091, 1097, 1105
MGA	1061, 1069
MGN	1079
Minolta	1057, 1058, 1065, 1088
Mitsubishi	1003, 1005, 1006, 1057, 1058, 1061, 1069, 1071, 1090
Montgomery Ward	1073, 1074
Motorola	1053, 1073, 1074
MTC	1050, 1085
Multitech	1050, 1055, 1059
NEC	1046, 1047, 1048, 1068, 1071, 1077, 1092
Nikko	1051
Noblex	1050
Olympus	1053
Optimus	1051, 1073, 1074, 1090, 1094
Optonica	1062
Orion	1087, 1090, 1106
Panasonic	1002, 1004, 1009, 1020, 1053, 1054, 1066, 1085, 1105
Pentax	1057, 1058, 1065, 1070, 1077, 1088
Philco	1053, 1054, 1060, 1088, 1106
Philips	1017, 1018, 1053, 1060, 1062 1110
Pioneer	1047, 1057, 1071, 1075, 1078, 1104
Portland	1067, 1083
Proscan	1043, 1112
Proton	1085
Quasar	1053, 1054
Radio Shack	1051, 1062, 1074, 1090
Radio Shack / Realistic	1048, 1050, 1051, 1053, 1054, 1055, 1062, 1073
Radix	1051
RCA	1012, 1016, 1043, 1044, 1050, 1053, 1057, 1058, 1065, 1070, 1078, 1079, 1088, 1107, 1108, 1112
Realistic	1048, 1050, 1051, 1052, 1053, 1054, 1055, 1062, 1073, 1074, 1079, 1090, 1094, 1097, 1105
Ricoh	1072, 1076

ENTONE VCR Brand Codes Con't

Runco	1064
Samsung	1029, 1031, 1035, 1039, 1050, 1052, 1079, 1095
Sansui	1047, 1068, 1071, 1085
Sanyo	1022, 1048, 1050, 1089, 1097 1105
Scott	1049, 1052, 1061, 1090
Sears	1048, 1051, 1053, 1057, 1058, 1065, 1077, 1088, 1089, 1090 1097, 1105
Sharp	1015, 1062, 1073, 1074, 1091, 1094, 1101
Shintom	1045, 1058, 1059, 1085
Signature	1073, 1074
Signature 2000	1097, 1101
Singer	1053, 1059, 1072, 1076, 1085
Sony	1007, 1045, 1063, 1080, 1082, 084, 1098, 1099
STS	1053, 1065
Sylvania	1030, 1032, 1053, 1054, 1055, 1060, 1061, 1110
Symphonic	1055, 1077, 1095, 1105
Tandy	1048
Tashiko	1051
Tatung	1068
Teac	1055, 1068, 1107
Technics	1053, 1066
Teknika	1051, 1053, 1055, 1090
Toshiba	1010, 1011, 1052, 1057, 1061, 1069, 1100, 1102, 1105, 1109
Totevision	1050, 1051, 1090
Unitec	1095
Unitech	1050
Vector Research	1046, 1047, 1052, 1077
Video Concepts	1046, 1047, 1052, 1069, 1077
Wards	1050, 1051, 1052, 1053, 1055, 1057, 1058, 1059, 1062, 1065, 1073, 1074, 1079, 1090, 1091, 1094, 1105, 1108, 1110
White Westinghouse	1095
XR-1000	1053, 1055, 1059
Yamaha	1046, 1047, 1048, 1068, 1077
Zenith	1027, 1038, 1045, 1064, 1072, 1076, 1093

TV / VCR COMBO

Action	1102
Broksonic	1023, 1106
Daewoo	1014
Emerson	1106
GE	1040, 1081, 1087
Goldstar	1090
Hitachi	1036, 1037
JVC	1019
Panasonic	1002, 1020, 1090
Philips	1018
Precision	1102
Quasar	1090
RCA	1012, 1016
Realistic	1105
Samsung	1029, 1035
Sharp	1015
Sony	1007
Sylvania	1030
Toshiba	1010
Zenith	1038, 1090

DVD / VCR COMBO

Go Video	1026, 1028
Hitachi	1025
JVC	1000
Samsung	1031
Sanyo	1022
Zenith	1027

TV / DVD / VCR COMBO

Samsung	1039
Sylvania	1032
Toshiba	1011

DVR

Philips	1042

PVR

Tivo	1111

ENTONE Device Codes

DEVICE	NO. OF CODES
TV	155
VCR	111
DVD	101
Cable	42
Satellite	47
Audio	66
Total	**514**

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